

Abstract of the Disclosure

5 A cache with a database system that contains a subset of the objects stored in another database system. The database system in the cache responds to a request that contains a reference to an object that does not belong to the subset by redirecting the request to the other database system when the request is executed in the cache's database system. The cache's database system is part of a distributed database system with replication and
10 contains a materialized view of the contents of the other database system. The cache database system does the redirection by rewriting requests received in the database system that refer to objects that are not in the subset. The cache database system is a relational database system, and when an SQL statement is parsed and the parser finds that the statement refers to an object that is not in the subset, the cursor corresponding to the
15 SQL statement is marked to indicate redirection, and when the cursor is executed, it is redirected to the other database system. The cache database system handles redirection of calls to stored procedures that are not present in the cache database system by rewriting the calls as remote procedure calls to the stored procedures in the other database system.

09861501-051401